



(12) **United States Patent**
Funkenbusch et al.

(10) **Patent No.:** **US 7,351,479 B2**
(45) **Date of Patent:** **Apr. 1, 2008**

(54) **DURABLE EMI SHIELDING FILM**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 301 days.

(21) Appl. No.: **10/521,826**

(22) PCT Filed: **Aug. 15, 2003**

(86) PCT No.: **PCT/US03/25660**

§ 371 (c)(1),
(2), (4) Date: **Jan. 21, 2005**

(87) PCT Pub. No.: **WO2004/017700**

PCT Pub. Date: **Feb. 26, 2004**

(65) **Prior Publication Data**

US 2006/0035073 A1 Feb. 16, 2006

Related U.S. Application Data

(63) Continuation-in-part of application No. 10/222,465, filed on Aug. 17, 2002, now Pat. No. 6,818,291.

(51) **Int. Cl.**
B32B 15/04 (2006.01)
B32B 15/08 (2006.01)
H05K 9/00 (2006.01)
H01L 23/552 (2006.01)

(52) **U.S. Cl.** **428/626**; 428/336; 428/457;
361/818; 257/659; 174/51

(58) **Field of Classification Search** 428/626,
428/673, 686, 457, 460, 929, 336; 361/818;
257/508, 659; 174/6, 51
See application file for complete search history.

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(57) **ABSTRACT**

A device or an enclosed area that can cause or is sensitive to electromagnetic interference (EMI) is shielded by at least partially surrounding the device or the area with a visible light-transmissive film comprising a flexible support, an extensible visible light-transmissive metal or metal alloy layer and a visible light-transmissive crosslinked polymeric protective layer, and optionally connecting at least one grounding electrode to the metal or metal alloy layer. The film has reduced susceptibility to fracture or corrosion compared to commercially available EMI shielding films, especially when bent or deformed.

30 Claims, 13 Drawing Sheets

